

Amendments to the Claims

1-5. (Cancelled)

6. (Currently Amended) A cured sustained-release formulation for implantation, which comprises one of particle combinations, which is selected from a group consisting of (a), (b) and (c), as well as a carrier comprising a hydrophobic polymer, wherein the particle combination is dispersed into the carrier:

(a) and a particle combination which comprises particles comprising an active ingredient, particles comprising a carbonate, and particles comprising a substance which reacts with the carbonate in an aqueous solution to generate carbon dioxide, said particle combination being dispersed in the carrier;

(b) a particle combination which comprises particles comprising an active ingredient and a carbonate, and particles comprising a substance which reacts with the carbonate in an aqueous solution to generate carbon dioxide; and

(c) a particle combination which comprises particles comprising a carbonate, and particles comprising an active ingredient and a substance which reacts with the carbonate in an aqueous solution to generate carbon dioxide; and

wherein the active ingredient is either slightly soluble or insoluble in water and the release rate of the active ingredient from the formulation is accelerated in a body fluid.

7. (Currently Amended) A sustained-release formulation for implantation, which comprises one of particle combinations, which is selected from a group consisting of (a), (b) and (c), as well as a carrier comprising a hydrophobic polymer, wherein the particle combination is dispersed into the carrier, and wherein the formulation has a shape selected from the group consisting of cylindrical, prismatically cylindrical, cylindroid, tabular, and spherical shape:

(a) and a particle combination which comprises particles comprising an active ingredient, particles comprising a carbonate, and particles comprising a substance which reacts with the carbonate in an aqueous solution to generate carbon dioxide; said particle combination being dispersed in the carrier;

~~(b) a particle combination which comprises particles comprising an active ingredient and a carbonate, and particles comprising a substance which reacts with the carbonate in an aqueous solution to generate carbon dioxide; and~~

~~(c) a particle combination which comprises particles comprising a carbonate, and particles comprising an active ingredient and a substance which reacts with the carbonate in an aqueous solution to generate carbon dioxide; and~~

wherein the active ingredient is either slightly soluble or insoluble in water and the release rate of the active ingredient from the formulation is accelerated in a body fluid;

and wherein the particle combination is dispersed into the carrier, and wherein the formulation has a shape selected from the group consisting of cylindrical, prismatically cylindrical, cylindroid, tabular, and spherical shape.

8. **(Previously presented)** The sustained-release formulation as claimed in claim 6 or 7, wherein the active ingredient is an insoluble ingredient.

9. **(Previously presented)** The sustained-release formulation as claimed in claim 8, wherein the insoluble ingredient comprises a live vaccine, or an inactivated vaccine.

10. **(Previously presented)** The sustained-release formulation as claimed in claim 6 or 7, wherein the hydrophobic polymer comprises a non-biodegradable polymer.

11. **(Previously presented)** The sustained-release formulation as claimed in claim 10, wherein the hydrophobic polymer comprises silicone.

12. **(Previously presented)** The sustained-release formulation as claimed in claim 6 or 7, wherein the active ingredient is a slightly soluble ingredient.